

Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

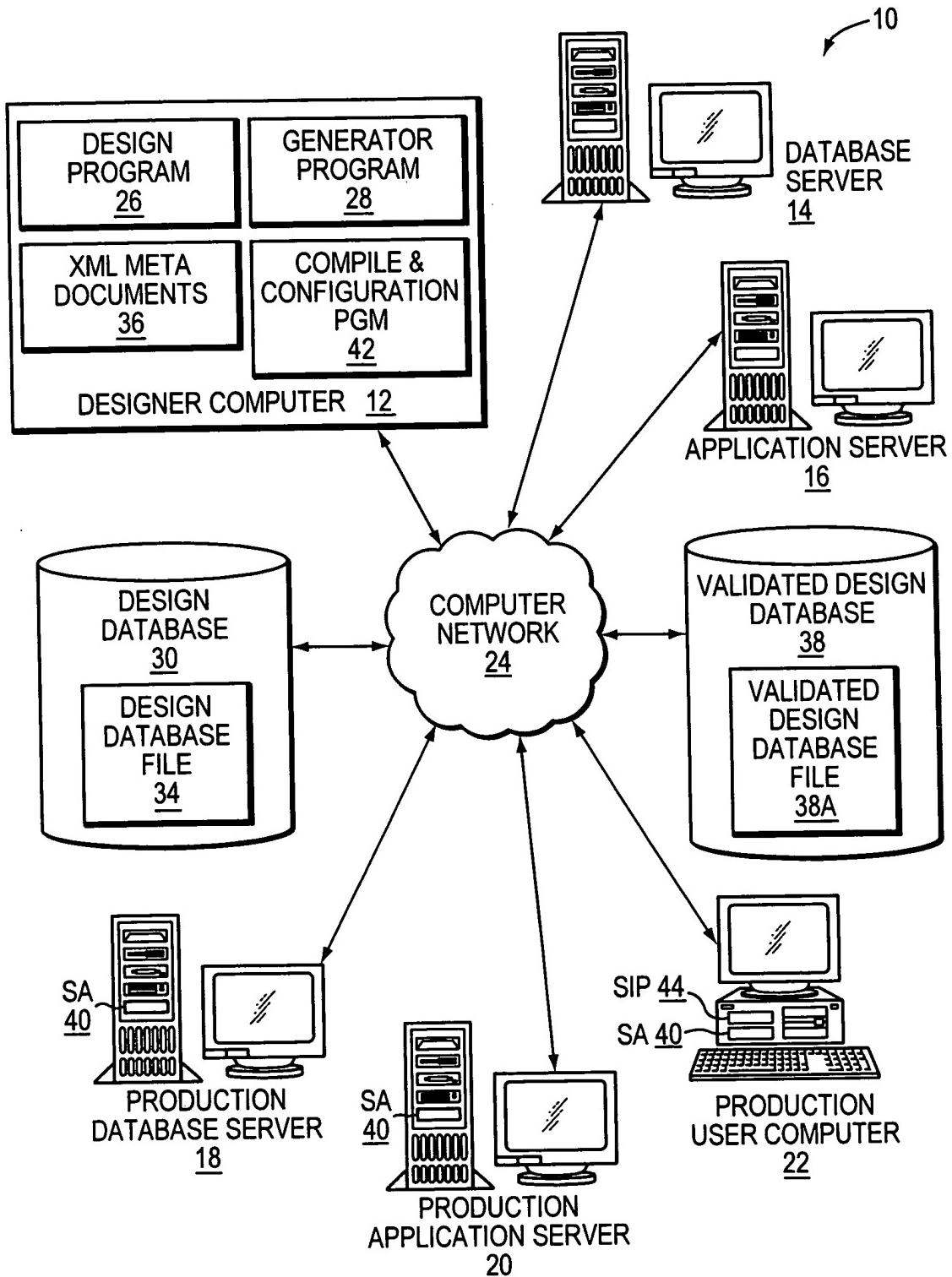


FIG. 1

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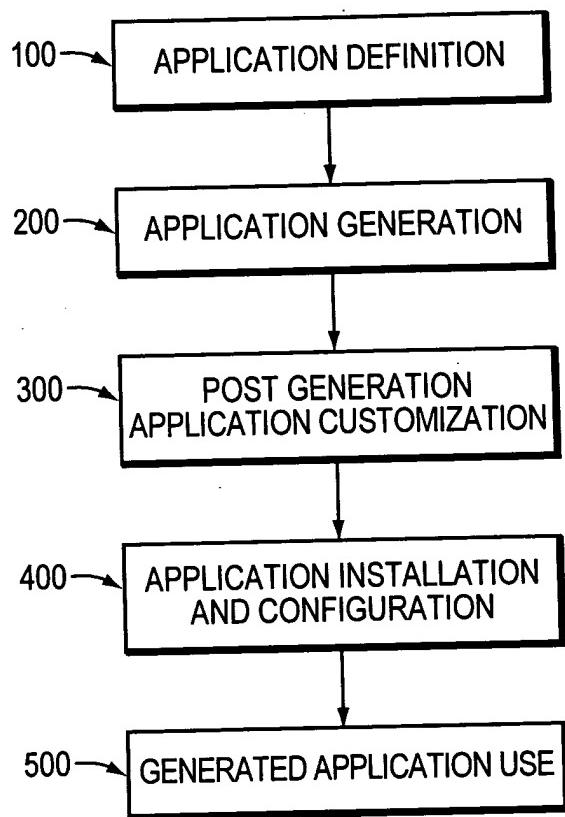


FIG. 2

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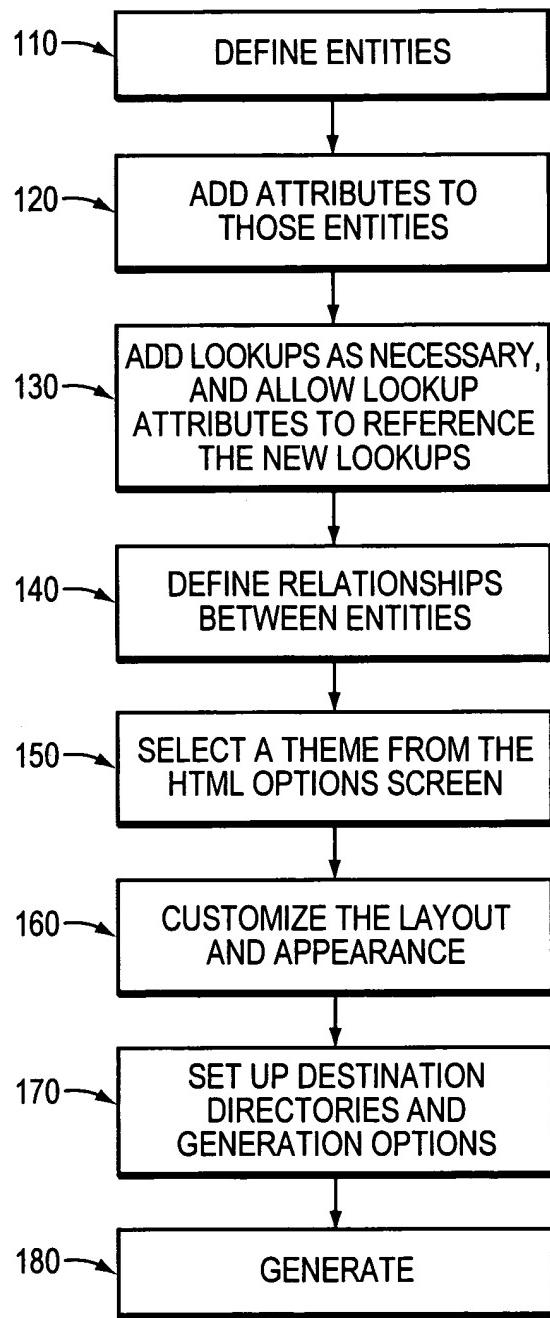
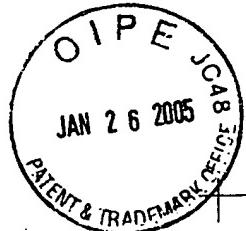


FIG. 3



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Entity Name	Stereotype	Comment
Address		
Allergy		
Exam		
Medication		
Patient		
Payment		
Payment Method		
Person		
State		

FIG. 4A

Edit Entity																							
Name:	Person	Caption:	Person																				
Comment:																							
Stereotype:	<input type="button" value="▼"/>																						
Attributes <table border="1"> <thead> <tr> <th>Attribute</th> <th>Data Type</th> <th>Required</th> <th>Include In Select List</th> <th></th> </tr> </thead> <tbody> <tr> <td>Last Name</td> <td>String Type</td> <td>True</td> <td>True</td> <td><input type="button" value="Add"/></td> </tr> <tr> <td>First Name</td> <td>String Type</td> <td>False</td> <td>True</td> <td><input type="button" value="Edit"/></td> </tr> <tr> <td>SSN</td> <td>String Type</td> <td>False</td> <td>True</td> <td><input type="button" value="Remove"/></td> </tr> </tbody> </table>				Attribute	Data Type	Required	Include In Select List		Last Name	String Type	True	True	<input type="button" value="Add"/>	First Name	String Type	False	True	<input type="button" value="Edit"/>	SSN	String Type	False	True	<input type="button" value="Remove"/>
Attribute	Data Type	Required	Include In Select List																				
Last Name	String Type	True	True	<input type="button" value="Add"/>																			
First Name	String Type	False	True	<input type="button" value="Edit"/>																			
SSN	String Type	False	True	<input type="button" value="Remove"/>																			
64																							
Relationship <table border="1"> <thead> <tr> <th>Parent</th> <th>Child</th> <th>Relationship</th> <th></th> </tr> </thead> <tbody> <tr> <td>Patient</td> <td>Person</td> <td>Composite</td> <td><input type="button" value="Add"/></td> </tr> <tr> <td>Person</td> <td>Address</td> <td>Composite</td> <td><input type="button" value="Edit"/></td> </tr> <tr> <td></td> <td></td> <td></td> <td><input type="button" value="Remove"/></td> </tr> </tbody> </table>				Parent	Child	Relationship		Patient	Person	Composite	<input type="button" value="Add"/>	Person	Address	Composite	<input type="button" value="Edit"/>				<input type="button" value="Remove"/>				
Parent	Child	Relationship																					
Patient	Person	Composite	<input type="button" value="Add"/>																				
Person	Address	Composite	<input type="button" value="Edit"/>																				
			<input type="button" value="Remove"/>																				
66																							
68	Custom Method Declarations <table border="1"> <thead> <tr> <th>Method Declaration</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td><input type="button" value="Add"/></td> </tr> <tr> <td></td> <td><input type="button" value="Edit"/></td> </tr> <tr> <td></td> <td><input type="button" value="Remove"/></td> </tr> </tbody> </table>			Method Declaration			<input type="button" value="Add"/>		<input type="button" value="Edit"/>		<input type="button" value="Remove"/>												
Method Declaration																							
	<input type="button" value="Add"/>																						
	<input type="button" value="Edit"/>																						
	<input type="button" value="Remove"/>																						
<input type="button" value="New"/> <input type="button" value="Delete"/> <input type="button" value="OK"/> <input type="button" value="Cancel"/> <input type="button" value="Save"/>																							

FIG. 4B



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Add Attribute

General

Name: 84 Is Required?
Caption: 86 Describes Entity?
Data Type: 74
Lookup Name: 76
Lookup Type: 78
Default Value: 80
Comment: 90

Length:

Database

Is Required?
 Is Unique?

Select List Options

Include in Select List?

New OK Cancel Save

FIG. 5



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Add Lookup Definition X

Entity: 50

Attribute: 64

Name:

Filter On Organization

FIG. 6A

Select Lookup Definition X

Quick Find: Search By:

Name	Entity and Attribute
PaymentMethodLU..... StateLU	PaymentMethod, Name..... State, State Code

FIG. 6B

Edit Lookup Definition X

Entity: 50
Attribute: 64
Name:

 Filter On Organization

FIG. 6C



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The screenshot shows a window titled "Add Relationship". On the left, there is a checkbox labeled "Add Relationship". Below it are three input fields: "Relationship Name" (with a dropdown arrow), "Relationship Type" (with a dropdown arrow), and "Entity 1" (with a dropdown arrow). To the right of "Entity 1" is a large rectangular area labeled "Relationships Illustrated" containing a smaller rectangle labeled "Relationship Illustration". Below "Entity 1" is another large rectangular area labeled "Entity 2" with a dropdown arrow. At the bottom right of the window are four buttons: "New", "More Info", "OK", "Cancel", and "Save".

FIG. 7A



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102

Add Relationship Relationship Name: _____

Relationship Type: Composite Outer Entity: _____

Relationships Illustrated

104

Inner Entity: _____

Outer Entity: _____

Composite Relationship

More Info

New

OK

Cancel

Save

FIG. 7B

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Add Relationship

Relationship Name: Display Style:

Relationship Type: Many to Many One to Many First Entity: Second Entity:

Relationships Illustrated

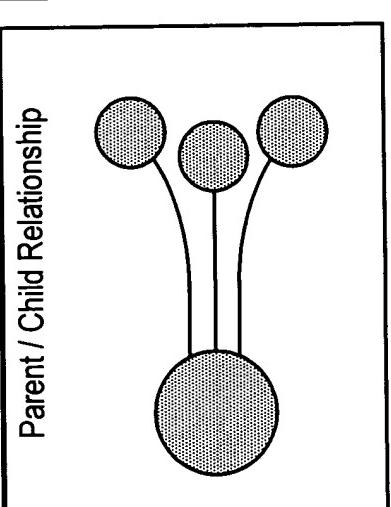
Many to Many

New OK Save

FIG. 7C

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O P E J C S A
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PATENT & TRADEMARK OFFICE

Add Relationship Relationship Name: Display Style:
 Parent / Child Parent Entity:
Relationship Type: Relationships Illustrated


Parent / Child Relationship

More Info New OK Cancel Save

FIG. 7D

O P E
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P A T E N T & T R A D E M A R K O F F I C E
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102

Edit Relationship

Relationship Name: PatientPerson

Relationship Type: Composite ▶ Outer Entity: Patient

Relationships Illustrated

104

Inner Entity: Person ▶

Composite Relationship

Inner Entity

Outer Entity

More Info

New

OK Cancel Save

FIG. 7E



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Edit Relationship

Relationship Name: **PatientMeds** Display Style: **Same Screen**

Relationship Type: **Many to Many**

First Entity: **Patient**

Relationships Illustrated

Many to Many

Second Entity: **Medication**

FIG. 7F



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Edit Relationship

Relationship Name: **PatientAllergy** Display Style: **Separate Screen**

Relationship Type: **Many to Many**

First Entity: **Patient**

Second Entity: **Allergy**

Relationships Illustrated

Many to Many

FIG. 7G

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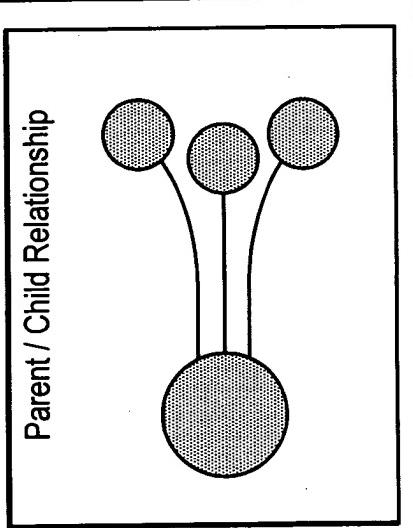
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CIO

Edit Relationship Relationships Illustrated

Relationship Name: PatientExam Display Style: Same Screen Different Screen

Relationship Type: Parent / Child Child / Parent

Parent Entity: Patient Child Entity: Exam



New More Info OK Cancel Save

FIG. 7H

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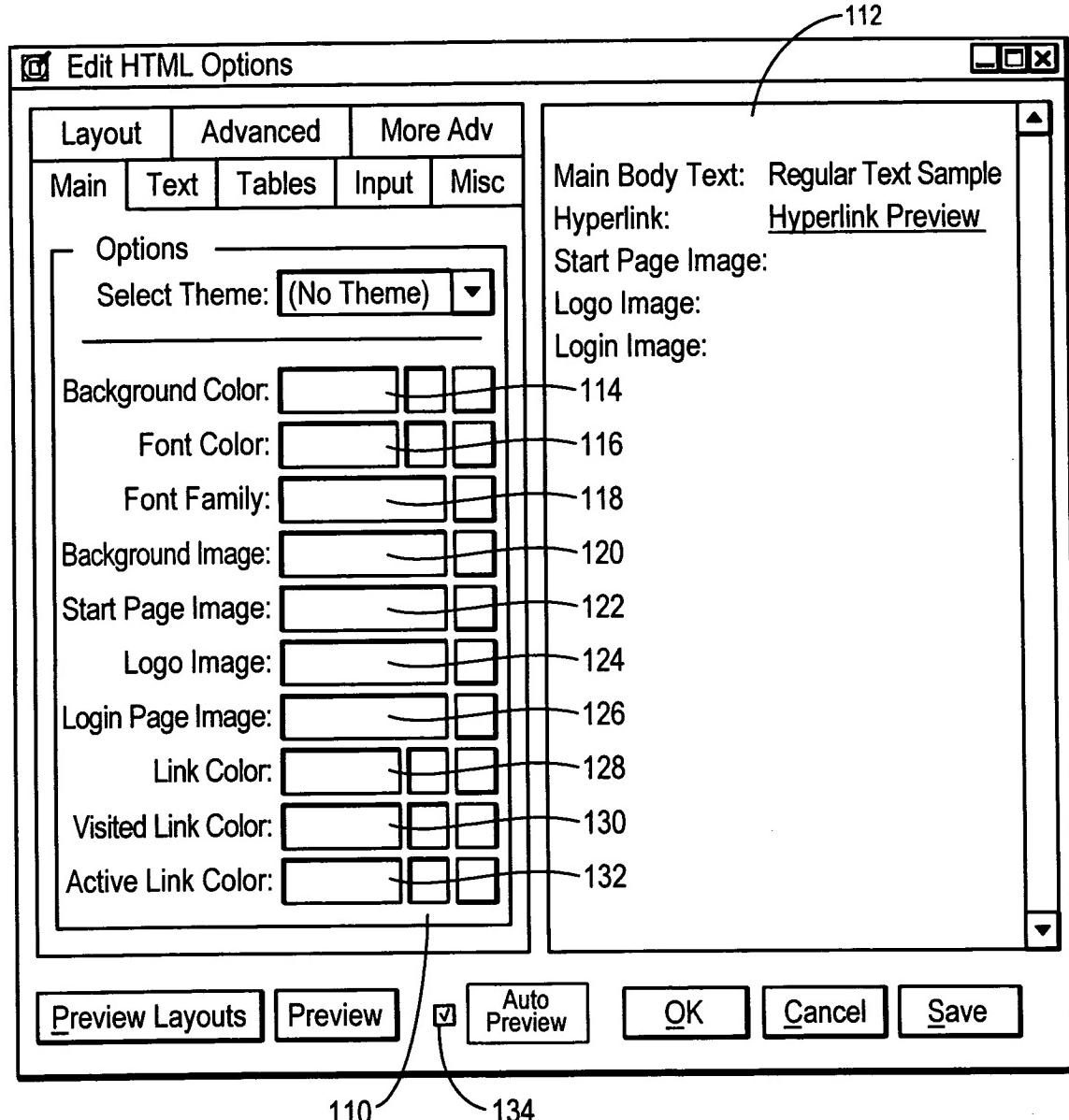


FIG. 8



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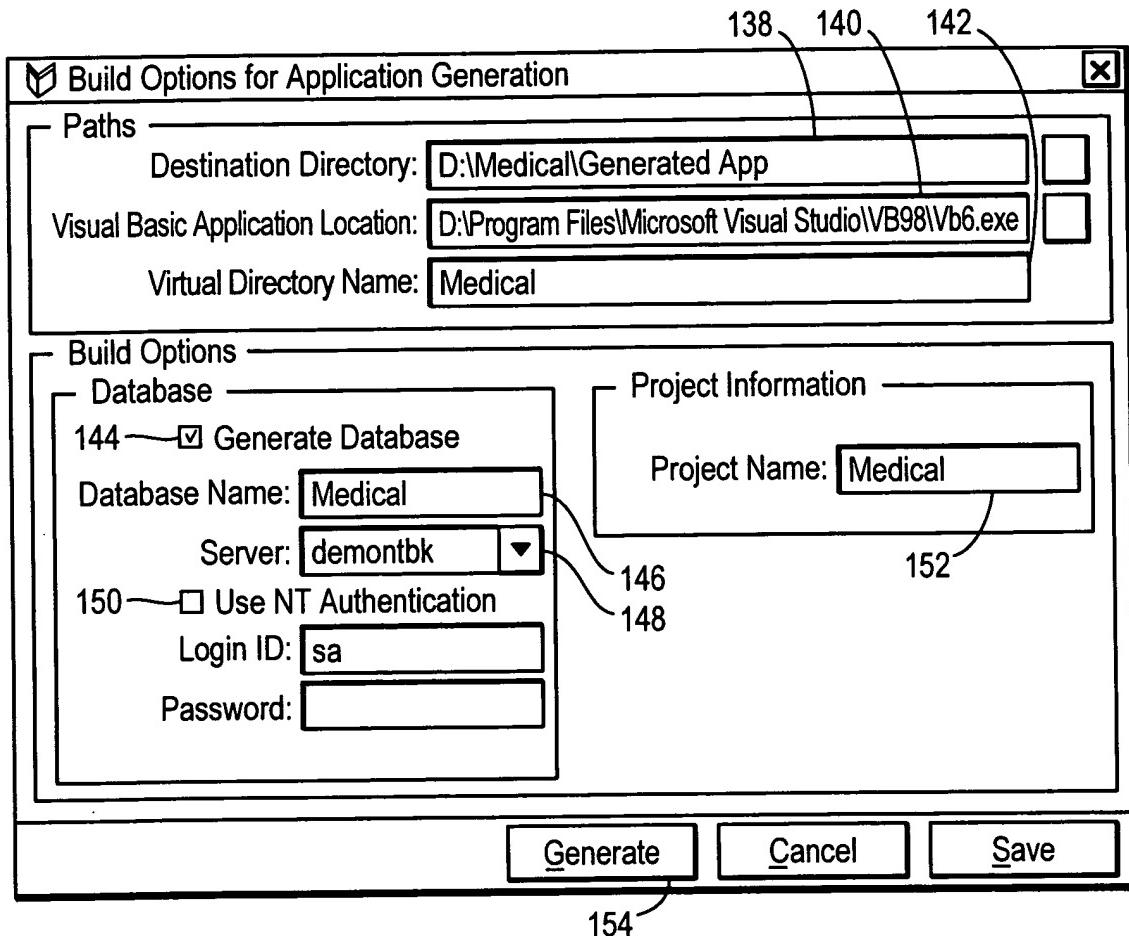


FIG. 9

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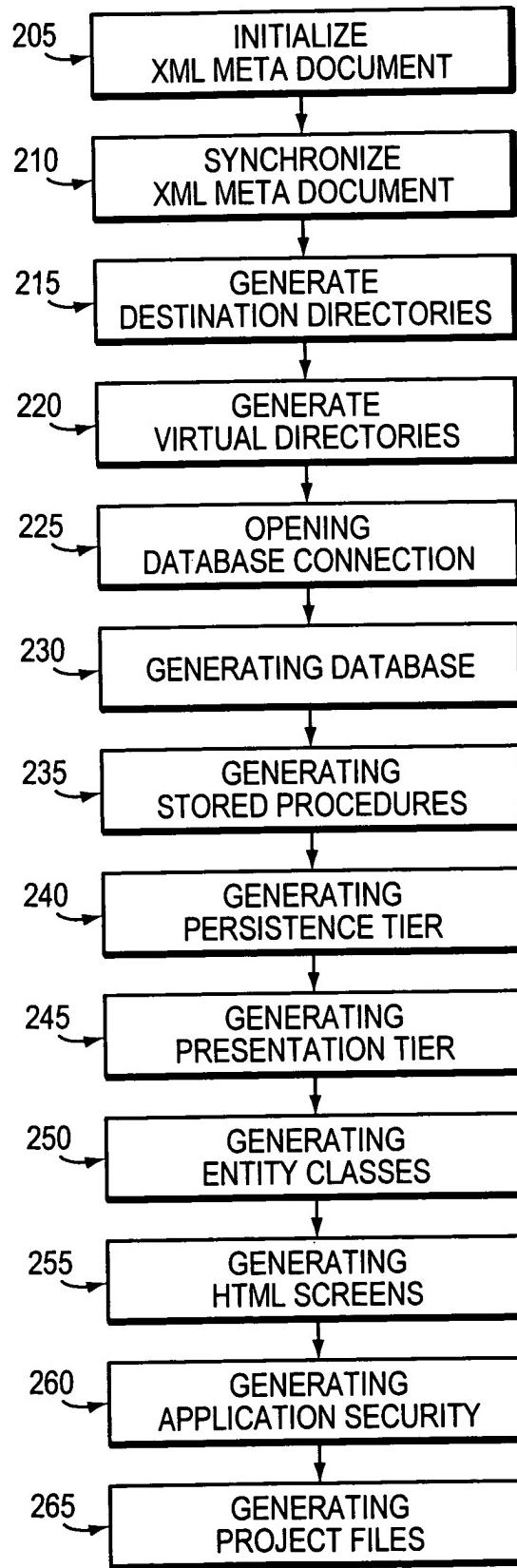


FIG. 10



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SkillFusion Generation Status

<ul style="list-style-type: none"> ✓ Initializing XML Meta Document. ✓ Synchronizing XML Meta Document. ✓ Generating Destination Directories. ✓ Generating Virtual Directories. ✓ Opening Database Connection. ✓ Generating Database. ✓ Generating Database Objects. ✓ Generating Persistence Tier. ✓ Generating Presentation Tier. ✓ Generating Entity Classes. ✓ Generating HTML Screens. ✓ Generating Application Security. ✓ Generating Project Files. ✓ Generation Complete for all Entities. <div style="border: 1px solid black; height: 10px; margin-top: 5px;"></div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> rated App <input type="checkbox"/> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Microsoft Virtual Studio\WB98\Vb6.exe <input type="checkbox"/> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Project Information </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Project Name: Medical <input type="checkbox"/> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> SkillFusion 3.0 <input type="checkbox"/> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> ? All Entities were created successfully Would you like to run the Visual Basic Web Project? </div> <div style="text-align: center; margin-top: 5px;"> <input type="button" value="Yes"/> <input type="button" value="No"/> </div>
<input type="button" value="Generate"/> <input type="button" value="Cancel"/> <input type="button" value="Save"/>	

FIG. 11

Create Setup Package

Paths	
Generated Project: <input type="text" value="D:\Medical\Generated App\WebApp\Medical.vbp"/> <input type="checkbox"/>	
Destination Directory: <input type="text" value="D:\Medical"/> <input type="checkbox"/>	
Visual Basic Application Location: <input type="text" value="D:\Program Files\Microsoft Visual Studio\VB98\vb6.exe"/> <input type="checkbox"/>	
Database	
<input checked="" type="checkbox"/> Backup Existing Database	
Database Backup	
Database Name: <input type="text" value="Medical"/>	
Database Server: <input type="text" value="demontbk"/> <input type="button" value="▼"/>	
<input type="checkbox"/> Use NT Authentication	
Login: <input type="text" value="sa"/>	
Password: <input type="text"/>	
<input type="button" value="Package"/> <input type="button" value="Close"/>	

FIG. 13

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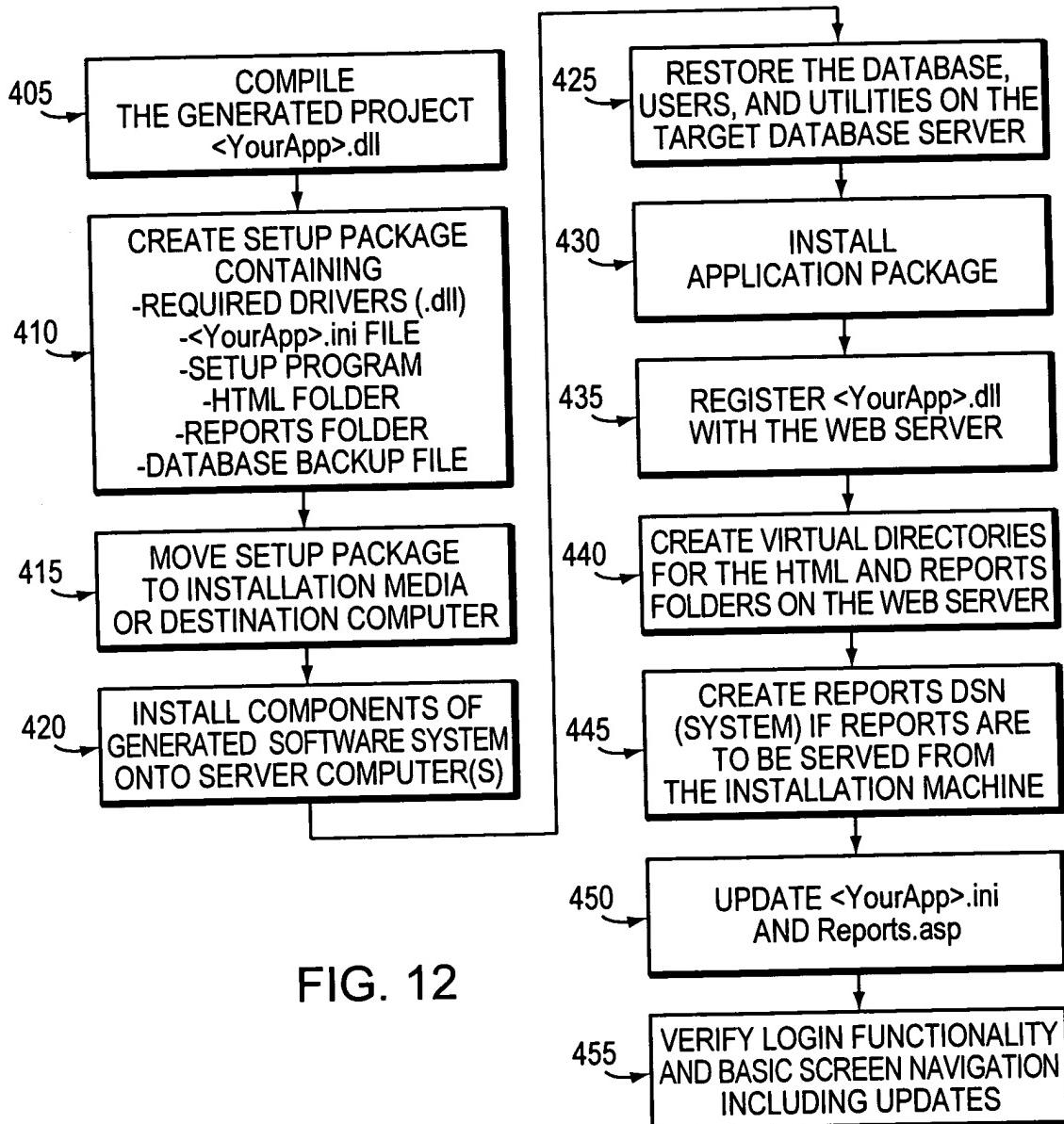


FIG. 12

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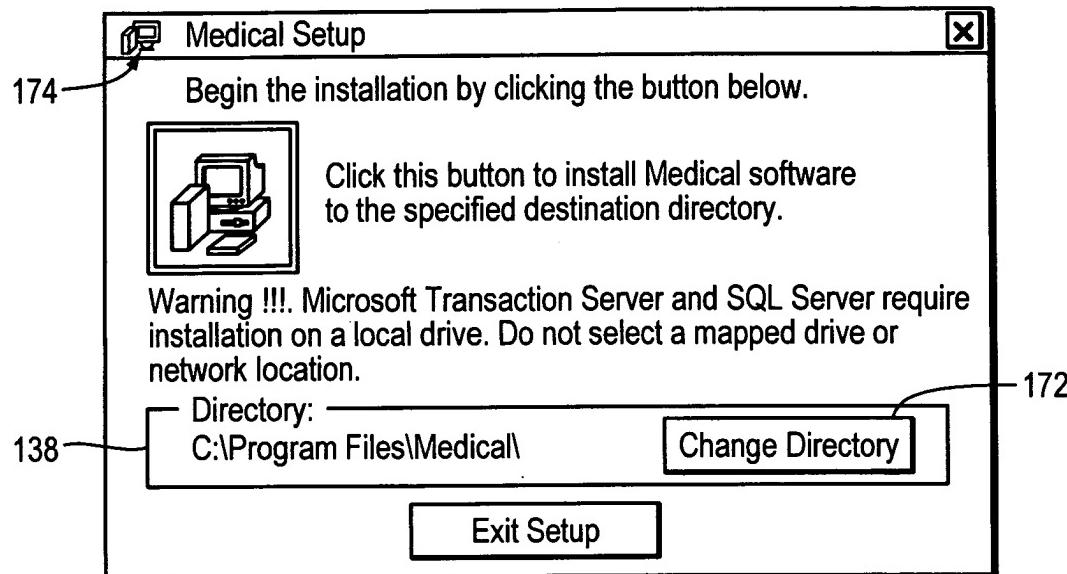


FIG. 14

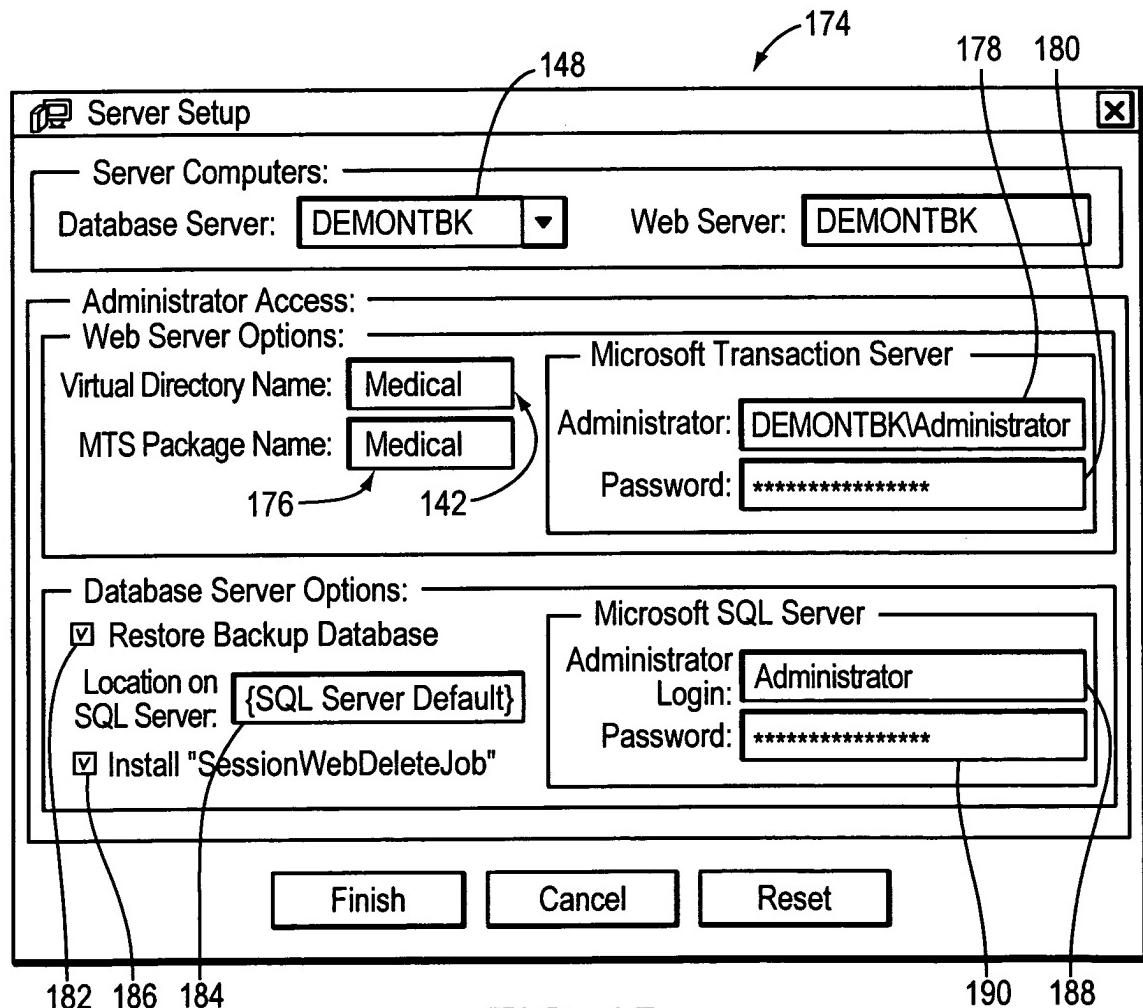


FIG. 15

+

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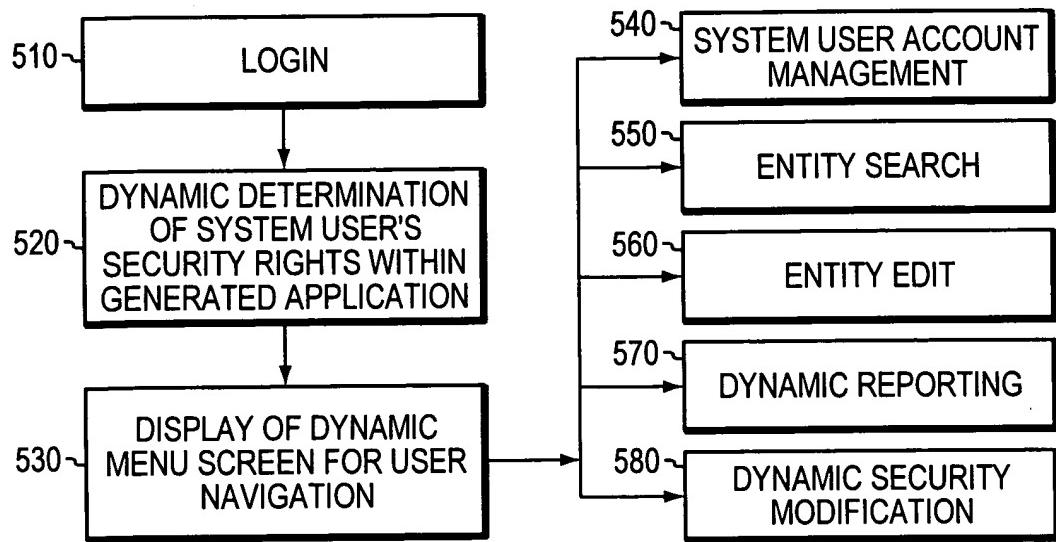
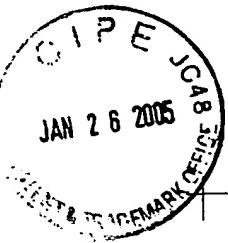


FIG. 16



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User Profile - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorite History Print Edit Discuss

Address Go

Medical * [Start!](#) [Logout](#)

User Account:

User Name: Admin

Full Name: Administrator

*Current Password:

* New Password:

* Repeat New Password:

*Email Address:

* Forgotten Password Question: You are an Admin

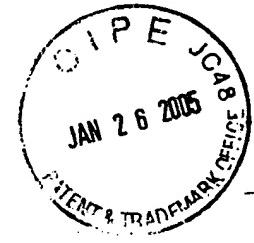
* Forgotten Password Answer: Admin

Successful Saving will return you to the Login Screen.

* Denotes required field.

Local Intranet

FIG. 17



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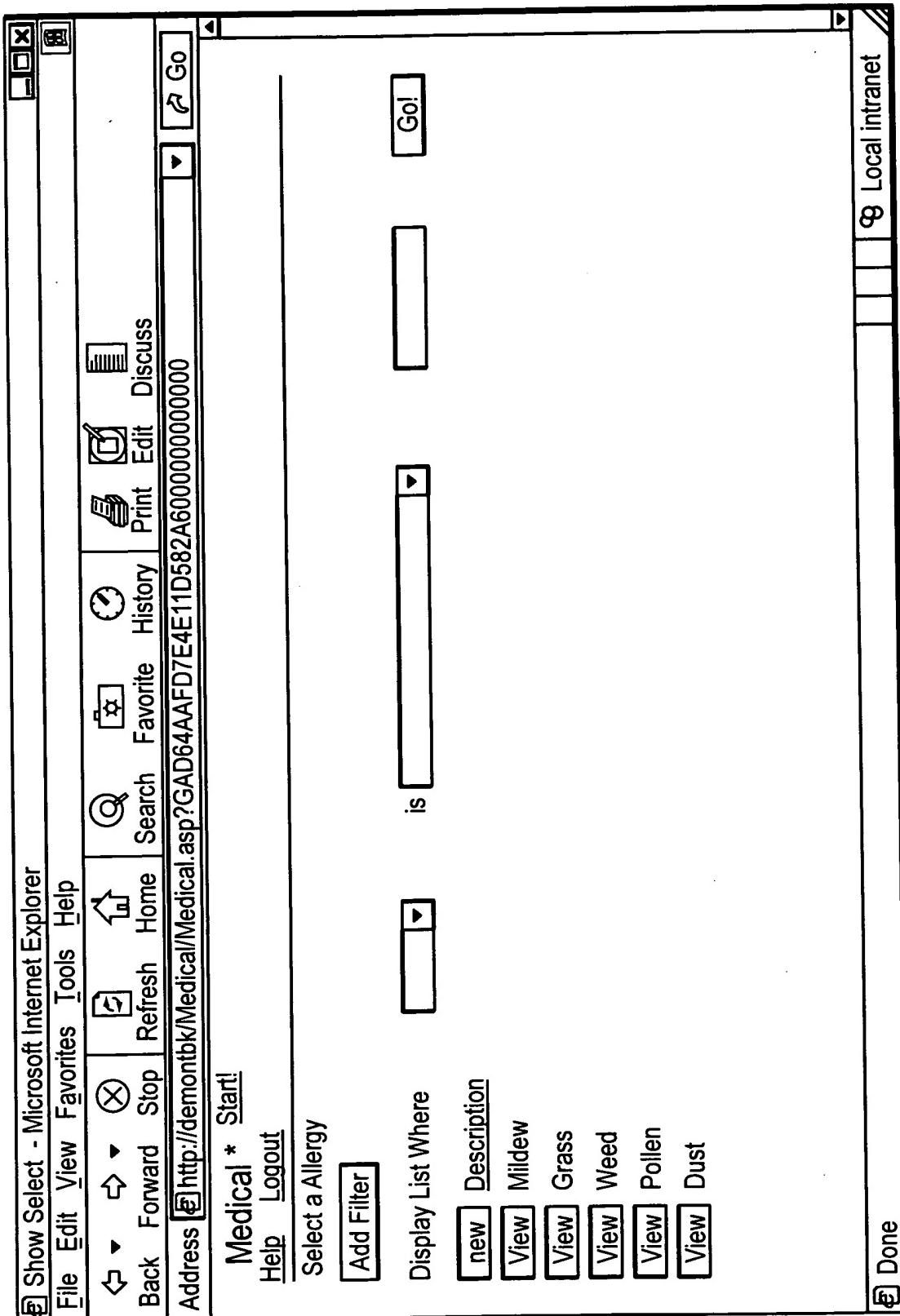


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P.T.O.

Patient - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorite History Print Edit Discuss

Address Go

Medical * Start! → Patient: Smith

Help Logout

Update

Kin Last Name: *Medical Record Number:

First Name: Kin SSN:

Street: City:

State: Zip:

Last Name: First Name: SSN:

Street: City:

* Allergy Medication Your save was successful.

Bayer Metamucil Prozac Bufferin Zanax

Exam

Done Local Intranet

FIG. 19